State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

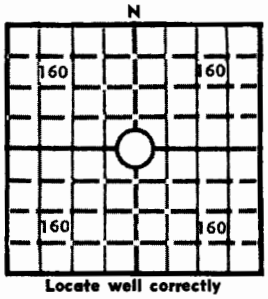
S. 35 T. 32 R. 6 E/W

API No. 15 — 077 — 20,173
County Number

Loc. SE SE NE

County Harper

640 Acres
N



Locate well correctly

Operator
McCoy Petroleum & Kedco Corp.

Address

Well No. #1

Lease Name Wedman Estate

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor

Geologist

Spud Date

Total Depth

P.B.T.D.

Date Completed

Oil Purchaser

Elev.: Gr.

DF KB

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production

Producing method (flowing, pumping, gas lift, etc.)

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	MCF	bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Producing interval(s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

35-32-6W

McCOY PETROLEUM COMPANY 502 UNION CENTER BUILDING WICHITA, KANSAS 67202

PHONE (316) 265-1841

DAILY REPORT

McCoy Petroleum Company & Kedco Corp.
#1 Wedman Estate
SE SE NE Sec. 35-32S-6W
Harper County, Kansas

Contractor: Sweetman Drilling, Inc. Rig #1

Elevations: 1348 K.B. 1345 D.F. 1338 G.L.

12- 6-72 Stake Location.

12-13-72 Dig pits and level location.

12-14-72 Wait on Rotary tools.

12-18-72 Move in Rotary Tools. Spud at 5:00 P.M.

12-19-72 W.O.C. Set new 8-5/8" 20# surface casing at 276' with 225 sx common cement, 2% gel, 3% calcium chloride. Plug down at midnight.

12-20-72 Drilling at 1300'.

12-21-72 Drilling at 2160'.

12-22-72 Drilling at 2780'.

12-23-72 Drilling at 3050'.

12-24-72 Shut down for Christmas 3767'.

Sample Tops

Heebner	3127(-1779)
Iatan	3464(-2116)
Stalnaker Sand	3520(-2172)
Kansas City	3731(-2383)

Had good oil shows in top of Kansas City.

12-25-72 Shut down for Christmas 3767'.

12-26-72 Conditioning hole at 3767' for Drill Stem Test #1 from 3736' to 3767'.

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12-27-72 Drilling at 3870'.

DST #1 3736-3767 (Kansas City).
Open 30", Closed 30", Open 60', Closed 45".
Strong blow throughout test.
Recovered 90' muddy water with a scum of oil.
180' water with scum of oil.
300' water.
IBHP 1371# FBHP 1318# IF 73# FF 348#.
Temperature 120°.

12-28-72 Drilling at 4165'.

Stark Shale	3887(-2539)
Base Kansas City	3978(-2630)
Mississippian Top	4354(-3006)

12-29-72 Running DST #2 4356-4380'. (Mississippian)
Open 30", Closed 45", Open 90", Closed 60".
Gas to surface in 8 minutes.
Gauge 93,600 in 30" on 1st open.
Stabalize @ 126,000 CFGPD in 60" on 2nd open.
Recovered 60' gas cut mud & 30' very slightly oil and gas cut mud.
IBHP 1815# FBHP 1815# FP 60-60# 60-60#.
Bottom Hole Temperature 131°.

DRESSER-ATLAS LOG TOPS

Heebner	3123(-1775)
Iatan	3462(-2114)
Stalnaker Sand	3514(-2166)
Kansas City	3730(-2382)
Stark Shale	3884(-2536)
Base Kansas City	3977(-2629)
Cherokee Shale	4164(-2816)
Mississippian	4356(-3008)
Log Total Depth	4381(-3033)

Set new 4½"-10.5#-K-55-R2-ST&C production casing @ 4358' (23' off bottom). Baker Triplex basket shoe on bottom of casing. Globe cemented with 150 sacks common cement, 15% salt, 10bbls. salt flush ahead of cement. Plug down @ 2:00 A. M. 12-31-72.

12-31-72 Moving out Rotary tools.

1- 1-73 WOCT

2-19-73 Moving in Hayes Well Service Completion Unit. Rig up. Run 2" tubing w/rotary bit. Drill plug, float and approximately 25 feet of cement. Shut down for night.

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2-20-73 Finish drilling cement and shoe with rotary bit, reverse circulating salt water. Lost most of returns after drilling shoe. Wash to RTD of 4381 feet with partial returns. Formation took approximately 80 barrels salt water. Tubing in hole tally 4358.45'. Swing @ 4364' K.B. Rotary bit on bottom of tubing. No seating nipple. Make up wellhead. Swab well to kick off. Fluid 600' down. Approximately 175 bbls of kill load to recover. Swab 42 barrels and well kicked off flowing.

1st hour & ½	flow	38.61 BF	FCP 80#	FTP 25#	1" choke	Gas to wet to gauge
2nd hour	flow	21.64 BF	FCP 340#	FTP 25#	1" choke	Gas to wet to gauge
3rd hour	flow	22.23 BF	FCP 630#	FTP 40#	1" choke	Est 10% oil
4th hour	flow	11.70 BF	FCP 700#	FTP 40#	1" choke	EST 10% oil

Shut in for night

2-21-73 SICP 1450# SITP 700#

1st hour flow	7 BF	FCP 1200#	FTP 850#	Gas to wet to gauge	
2nd hour flow	16.36 BF	FCP 950#	FTP 400#	Gas to wet to gauge	
3rd hour flow	11.70 BF	FCP 880#	FTP 300#	(171 bbl. total fluid recovered 147 BLW & 24 bbls oil)	
4th hour flow	3.51 BF	FCP 1260#	FTP 280#		
5th hour flow	No gauge	FCP 1050#	FTP 550#	Tank full. Flow to pits.	
6th hour flow	No gauge	FCP 970#	FTP 370#	Flow gas with heavy spray of and water to pits.	
7th hour flow	No gauge	FCP 970#	FTP 400#		
8th hour flow	No gauge	FCP 1000#	FTP 360#		
9th hour flow	No gauge	FCP 1000#	FTP 360#		

Shut in for night.

Will put through separator tomrrow to get accurate gauge of gas and fluid.

2-22-73 SICP 1500# SITP 860#
Hook up well through portable 3 phase seperator. Will gauge Gas, Oil and Water production. Open well through seperator at 5:00 P. M.

2-23-73 9:00 A. M. On 16 hour test well flowed 15.5 Barrels Oil and 148.5 Barrels Water. Gas averaged approximately 300 MCFGPD. (Average approximately 1 BOPH and 9 BWPH w/300 MCFG).

2-24-73 Well loaded up and died at 9:30 A. M. on 2-23-73. Shut in at 6:00 P. M. Will attempt to kick well off and test further on Monday.

2-25-73 Shut in.

2-26-73 SICP 1540# SITP 1420# Kick off. Flowed 2 hours and killed itself Recovered 1.5 BO and 13 BW.

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2-27-73 Shut in. Having water samples analyzed.

2-28-73 Shut in. Water samples check as follows:

	Wedman Estate	J. A. Allison (Kansas City Well)	Dorset #1 Mason (Mississippian ?)
Specific Garvity	1,150	1,152	1,157
Chlorides	133,000	135,000	140,000
Calcium	13,300	14,500	16,000
M esium	2,100	2,500	3,000
Sulfates	390	98	259
Bicarbonates	220	220	220
Iron	70	40	72
pH	5	5	5

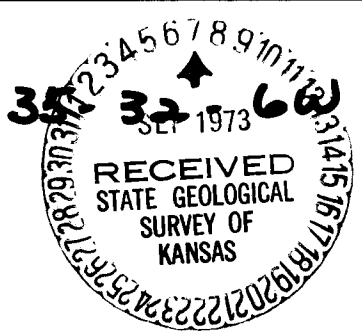
The water analysis appears to be inconclusive as to whether our water is Mississippian or Kansas City.

3-15-73 SICP 1580# SITP 1540# (200# pressure on surface pipe. Opened surface pipe valve, blew down in about 3 minutes. Rich gas, Left surface pipe valve crocked open. Making small gas blow.) Open well through separator in 14/64" choke. Ran 24 hour test. Flowed 11 barrels of oil and 148 barrels of water. Vent approximately 150 MCFGPD FCP 1250# FTP 600#. Shut in.

5-21-73 SICP 1600# SITP 1600# Move in Hayes Well Service Pulling Unit. Rig up Halliburton to kill well. Pump down annulas, bleed tubing. Pump in hole volume, well did not circulate, but killed. Pull tubing. Rig up Halliburton to pump down 4½" casing. Take injection rate. Pump 7½ BPM. Maximum pressure 500#, on vacuum when pump stopped. Mix 100 sacks common cement, pump down casing, follow with plug and measuring line. Well took pad ahead of cement at 5 BPM, on vacuum. When cement on bottom pressure started slowly rising. With approximately 50 sacks out bottom, pumping at 5 BPM, pressure slowly increased to 300#. Shut pump down 3 minutes. Went to vacuum. Cement went down approximately 15 feet. Start pumping slowly. With approximately 75 sacks out bottom, pressure increased to 700#. Shut down 1 minute. Pressure dropping slowly. Start pumping pressure rose to standing pressure of 2500#. Pressure held. 200' cement left in 4½" casing. Shut in.

5-22-73 Run tubing with Rotary bit back in well. Hang bit above plug. Move out Pulling Unit. Will drill cement and test well next week.

6- 4-73 Rig up Hayes Well Service to Drill Cement after Squeeze. Approximately 200 feet of cement to drill.



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6- 4-73 (cont'd) Rig up Hayes Well Service. Drill plug and approximately 200 feet of cement left in casing after squeeze job. Drill with Rotary Bit on tubing. Drill 11 feet of cement blow shoe in open hole. Leave 10 foot of cement in open hole not drilled. PBTD=4371'. All cement was set solid. While drilling cement in open hole the bit apparently side tracked to the edge of the original bore hole. Fresh formation cuttings were circulated up while drilling the 11 feet below the shoe. Cutting were cherty dolomite with good oil and gas show. Circulate hole clean. Pick tubing up out of open hole. Shut down for night.

6- 5-73 Fluid 300' down. Rig up to swab tubing. Rotary Bit still on tubing. Started showing gas on 2nd pull of tubing swab. Pull swab approximately 6 times and well kicked off flowing at 10:30 A.M. At 2:30 had flowed and swabbed approximately 84 barrels fluid. Put on choke and flow to pits. Put through separator at 4:30 P.M. Gas varies from 100 MCFG up to 600 MCFG. Making estiamted 10 BFPH that varies from almost all water to a good percentage of oil. At 8:30 P.M. on 28/64" choke well was venting 140 MCFGPD with FCP 890# FTP 320# and the fluid being dumped in the reserve pit. Leave well flowing overnight.

6- 6-73 CP 1420# Tubing loaded and dead. Rocked well and kicked off @ 5:00 P.M. Flow through separator.

6:30 P.M.	625# CP	80# TP	472 MCFG	Flowing oily water to pits
7:00	560#	60#	283 MCFG	Mostly oil
7:30	600#	80#	499 MCFG	Very oily water
8:00	580#	60#	283 MCFG	Very oily water
8:30	610#	80#	571 MCFG	Very oily water
9:00	510#	40#	332 MCFG	Very oily water

Leave well flowing overnight through separator. Dump fluid to pit.

6- 7-73

7:30A.M.	540# CP	60# TP	245 MCFG	Very oily water
8:00	Hook fluid dump line into tank to gauge fluid.			
9:00				2.34 BO & 10.04 BW
12:00	560#	60#	319 MCFG	Made 49.72 BF/4hrs.
Shut in				(9.36 BO & 40.36 BW)

Average 2.34 BOPH & 10.04 BWPH with 300 MCFGPD

Calculate 56 BOPD & 241 BWPD with 300 MCFG

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6-14-73 SICP 1620# SITP 1590# Open well on 20/64" choke to run 24 hour flow test.

6-15-73 At end of 24 hour test on 20/64" choke well was flowing with 200# FTP and 700# FCP. Made 26 BOPD and 250 BWPD with 300 MCFGPD. Shut in.